



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Zeluck, Inc.

5300 Kings Highway
Brooklyn, NY 11234

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "2270" Wood Double Hung Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W05-03** titled "Series 2270 Double Hung Wood Wdw. (L.M.I.)", sheets 1 through 5 of 5, dated 01/14/05, with revision E dated 08/14/13, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA# 09-1209.03 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



MP
8/27/13

NOA No. 13-0522.09
Expiration Date: May 05, 2015
Approval Date: September 05, 2013
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W05-03** titled "Series 2270 Double Hung Wood Wdw. (L.M.I.)", sheets 1 through 5 of 5, dated 01/14/05, with revision D dated 04/09/13, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of a series 2270 wood double hung window, prepared by Architectural Testing, Inc., Test Report No. **ATI-C5930.01-109-18**, dated 03/15/13, signed and sealed by Michael D. Stremmel, P.E.
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of a wood double hung window, prepared by Architectural Testing, Inc., Test Report No. **ATI-59246.01-122-18**, dated 09/22/04, signed and sealed by Steven H. Urlich, P.E.
(Submitted under previous NOA# 09-1209.03)

C. CALCULATIONS

1. Anchor calculations and structural analysis, complying with FBC-2010, dated, dated April 10, 2013, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 13-0522.09

Expiration Date: May 05, 2015

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E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. **12-1231.10** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 03/28/13, expiring on 05/21/16.

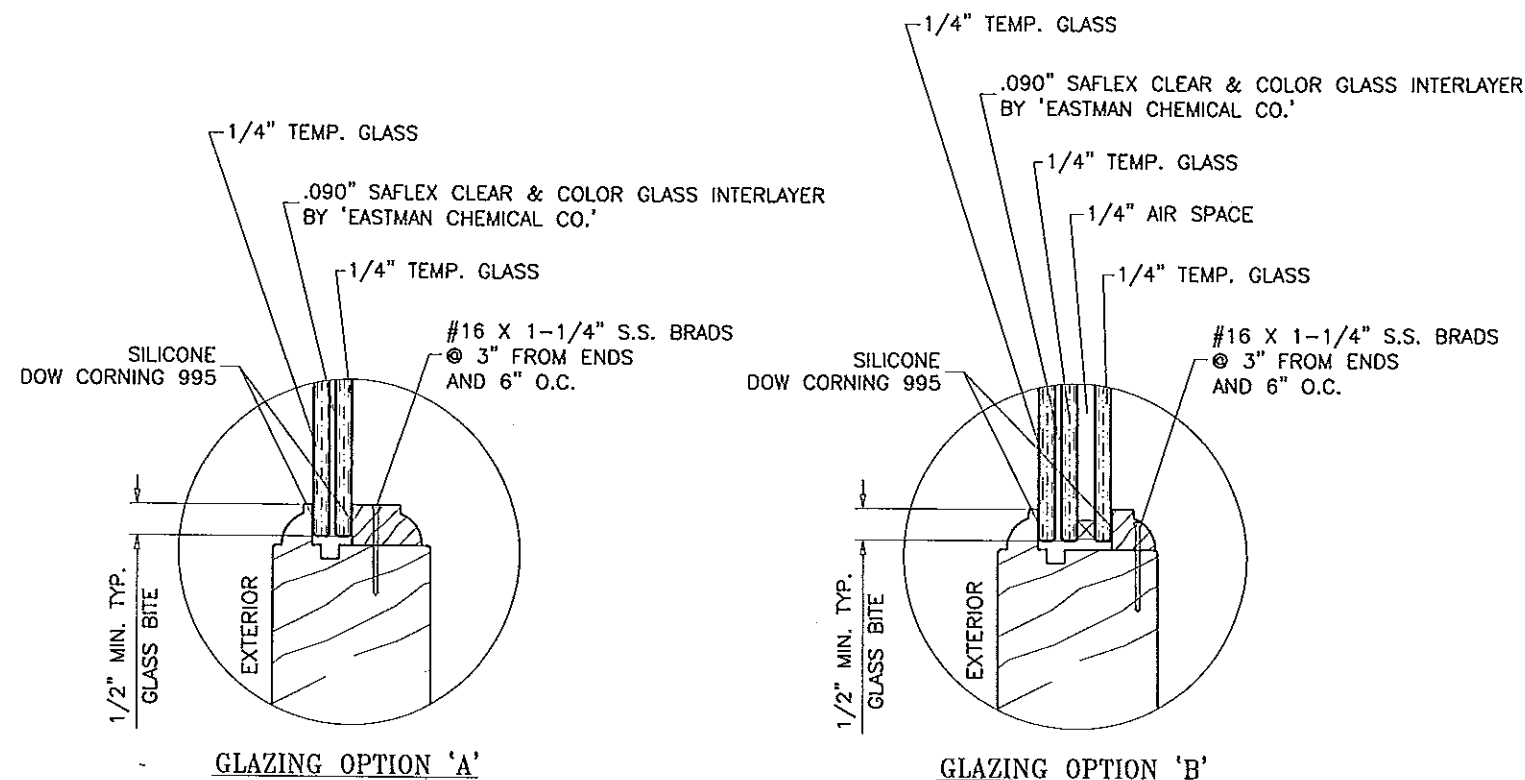
F. STATEMENTS

1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated April 09, 2013, signed and sealed by Robert James Amoruso, P.E.
2. Laboratory compliance letter for Test Report No. **ATL-C5930.01-109-18**, issued by Architectural Testing, Inc., dated March 19, 2013, signed and sealed by Michael D. Stremmel, P.E.
3. Proposal No. **12-1086** issued by Product Control, dated July 30, 2012, signed by Jaime Gascon, P.E.

G. OTHER

1. Notice of Acceptance No. **09-1209.03**, issued to Zeluck, Inc. for their Series "W & C Mahogany" Wood Double Hung Window – L.M.I., approved on 04/07/10 and expiring on 05/05/15.


Manuel Perez, P.E.
Product Control Examiner
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MAXIMUM DESIGN LOAD RATING = + 60.0 PSF
(FOR SIZES SHOWN OR SMALLER) - 70.0 PSF

THESE WINDOWS ARE RATED FOR LARGE MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

SERIES 2270 DOUBLE HUNG WOOD WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF D.H./D.H. OR DOUBLE HUNG WITH OTHER MIAMI-DADE COUNTY APPROVED WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN.
LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

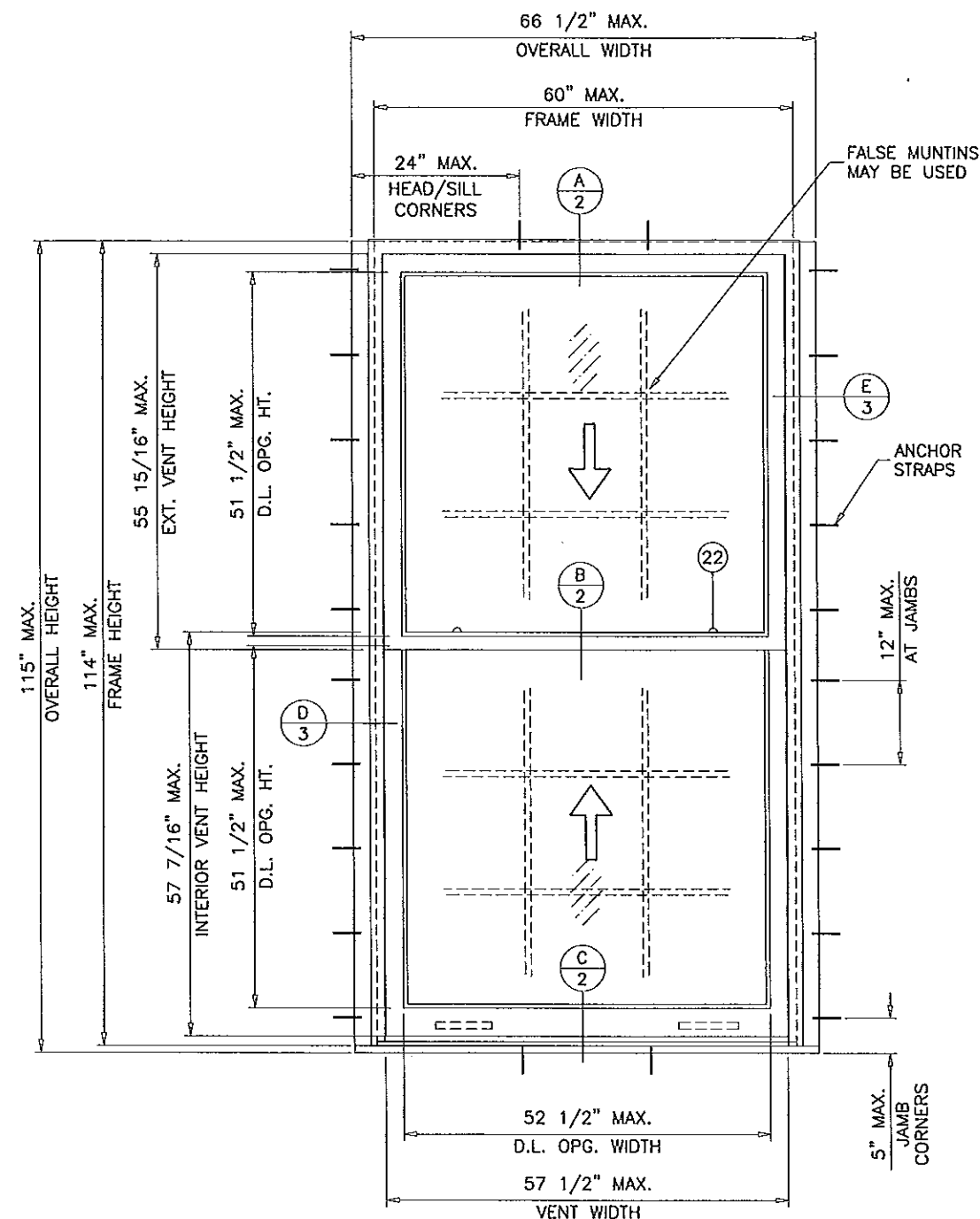
ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-04 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219



TYPICAL ELEVATION

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

AUG 16 2013

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0522.09
Expiration Date May 5, 2015
By: *Manuel Perry*
Miami Dade Product Control

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX (305) 262-6978
COMP-ANL-W05-03Z1

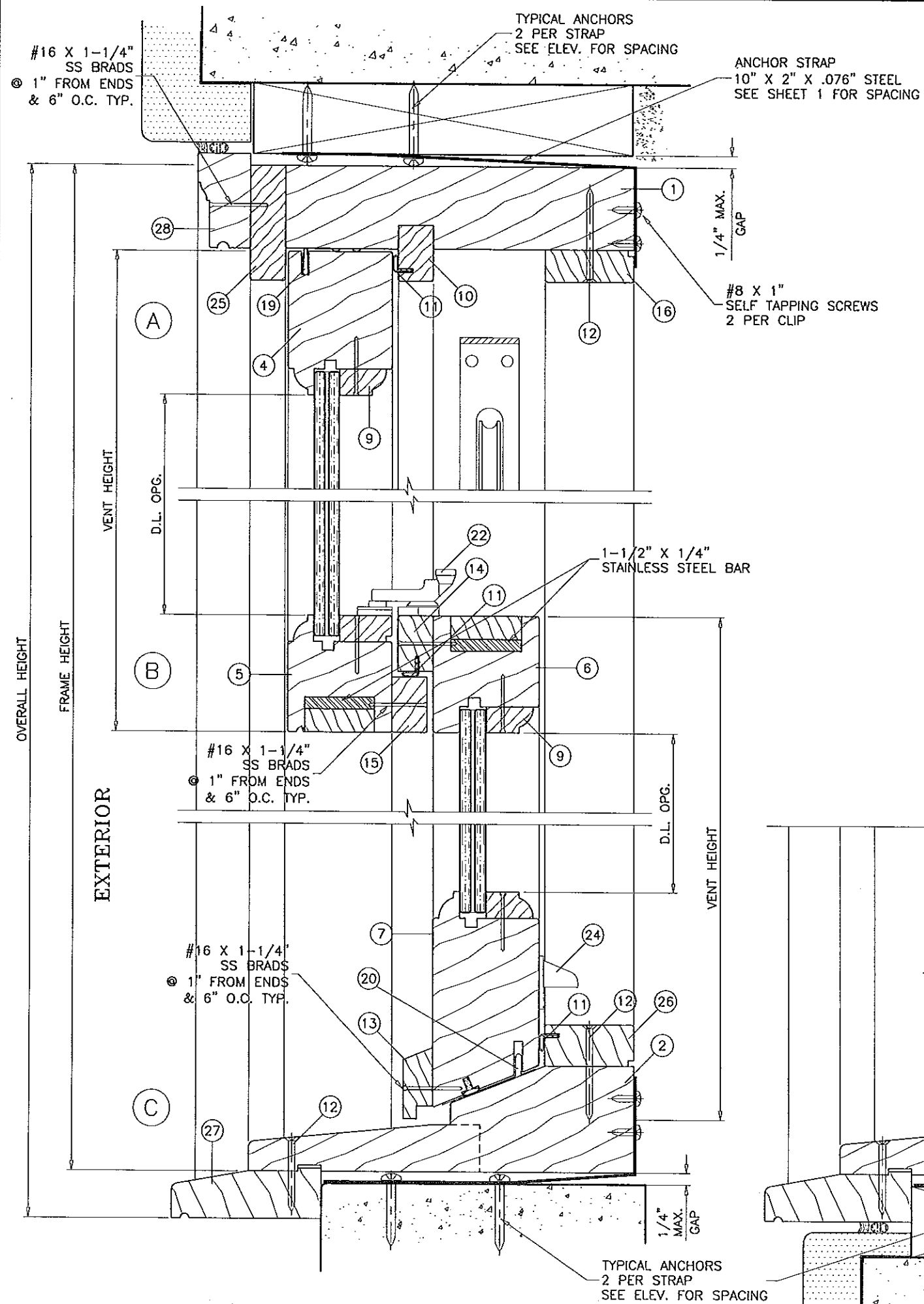
SERIES 2270 DOUBLE HUNG WOOD WDW. (L.M.I.)
ZELUCK INC.
5300 KINGS HIGHWAY
BROOKLYN, N.Y. 11234
TEL. (718) 251-8060 FAX (718) 531-2564

revisions:	no	date	by	description
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	B	12.20.06		REV. PER BCCO COMMENTS
	C	11.18.08		UPDATED FOR 2007 FBC
	D	04.09.13		UPDATED TO 2010 FBC
	E	06.14.13		REV. PER RER COMMENTS

date: 01-14-05
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W05-03

sheet 1 of 5



WOOD BUCKS AND METAL STRUCTURE NOT BY ZELUCK INC.
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
THRU INSTALLATION CLIPS

#12 SMS

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD

3/16" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#12 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO METAL STRUCTURES

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 1-1/2" MIN.

INTO WOOD STRUCTURE = 3/4" MIN.

INTO METAL STRUCTURE = 1/2" MIN.

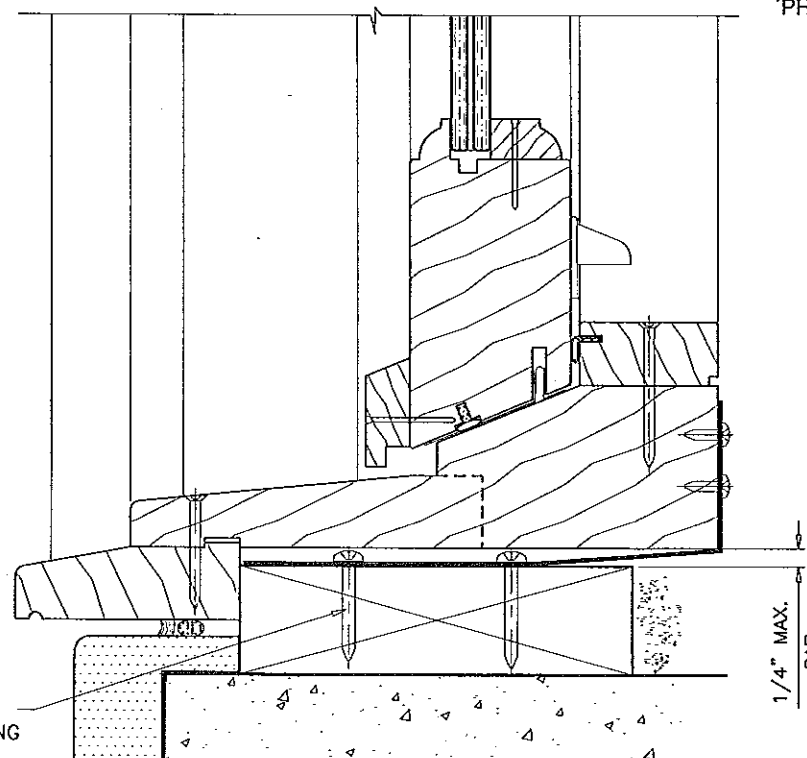
CONCRETE f'c = 2730 PSI MIN.

MASONRY f'm = 1924 PSI MIN.

SEALANTS:

FRAME CORNERS, INTERIOR AND EXTERIOR OF GLAZING
TO BE SEALED WITH SILICONE SEALANT.

ALL WOOD TO WOOD JOINTS GLUED WITH
'PHENYL RESORCINOL' WATER PROOF ADHESIVE.



Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

AUG 16 2013

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By: *Mamun Siraj*
Miami Dade Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W05-03Z1

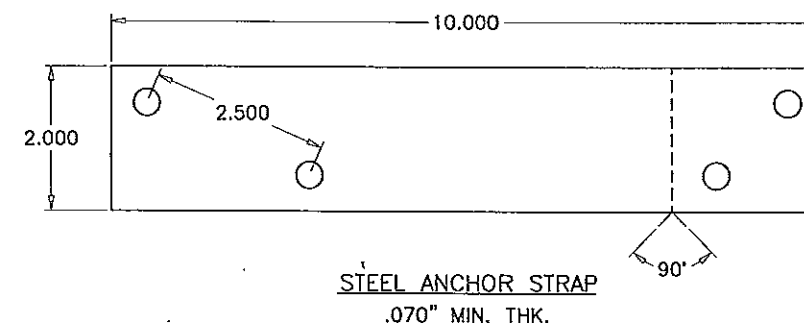
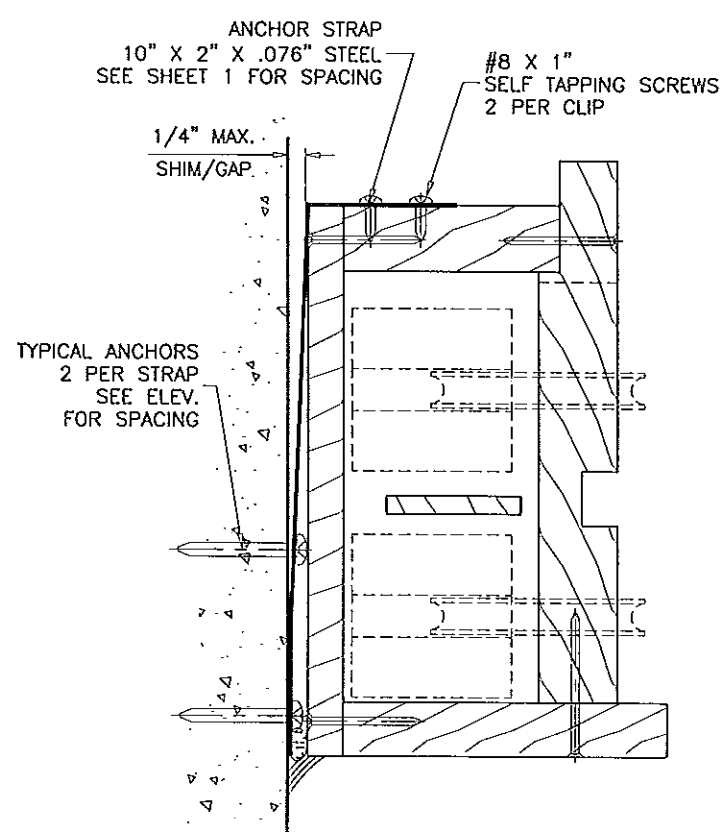
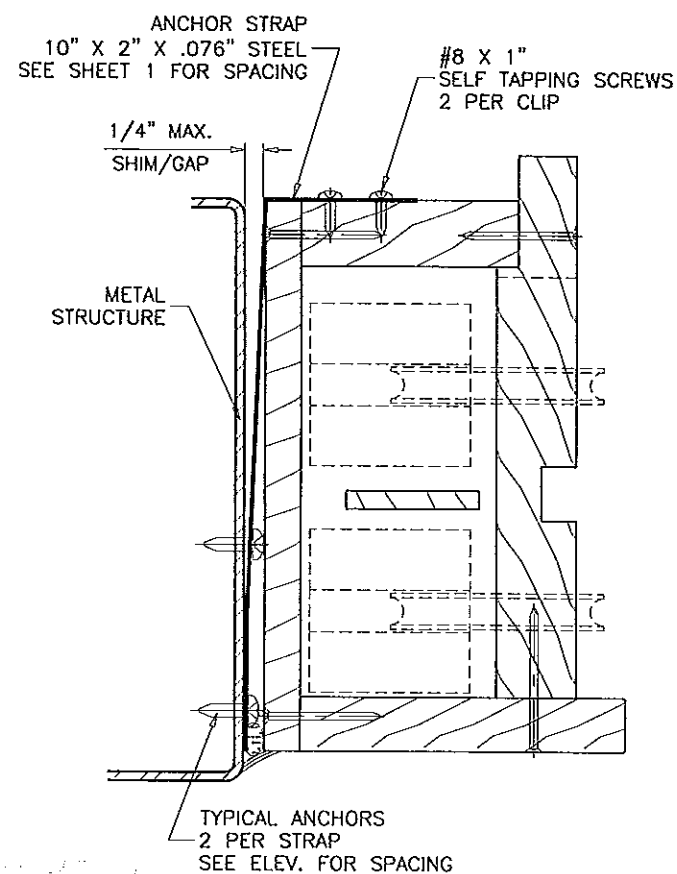
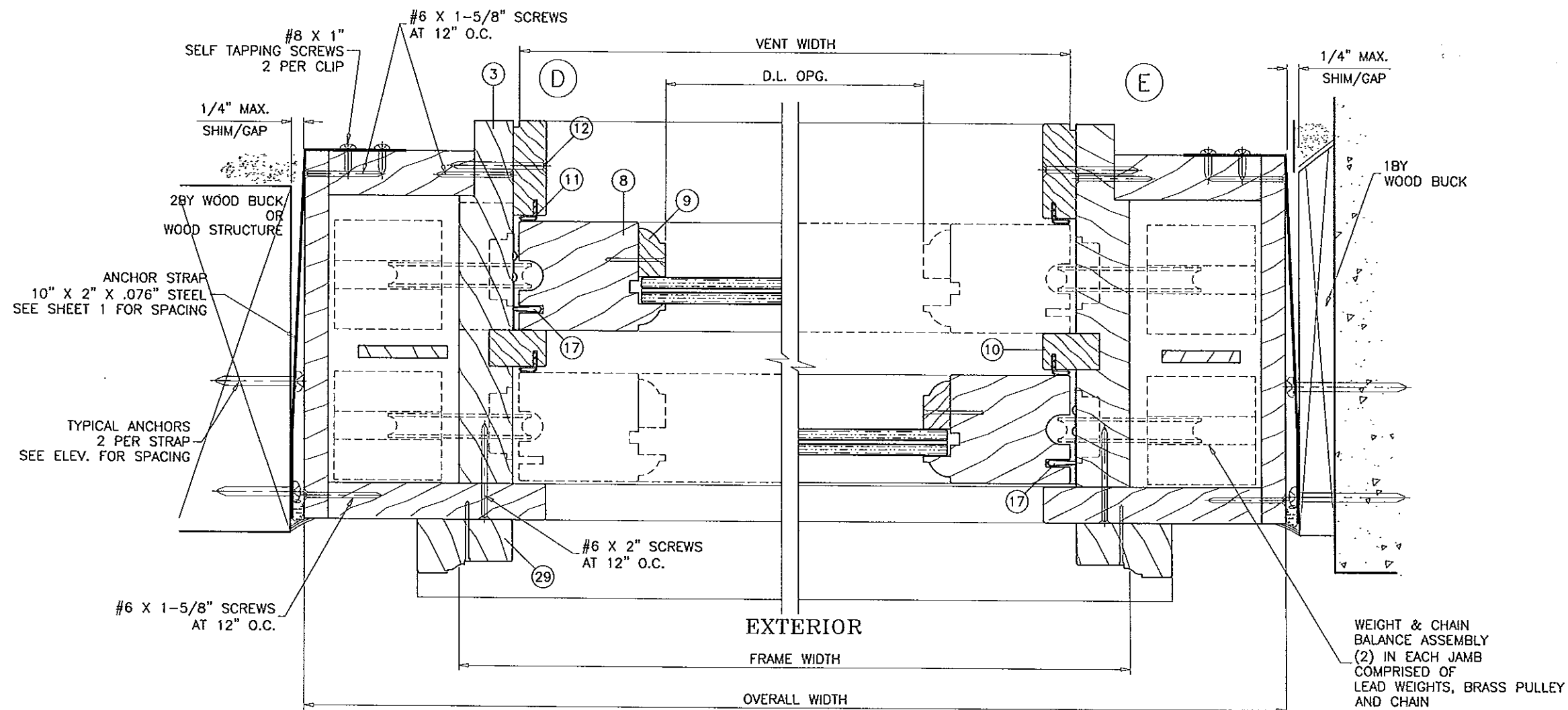
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ZELUCK INC.
5300 KINGS HIGHWAY
BROOKLYN, N.Y. 11234
TEL (718) 251-8060 FAX (718) 531-2564

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scale: 3/8" = 1"
dr. by: HAMID
chk. by:

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sheet 2 of 5



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C.A.N. 3538

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By *Mamuel Perez*
Miami Dade Product Control

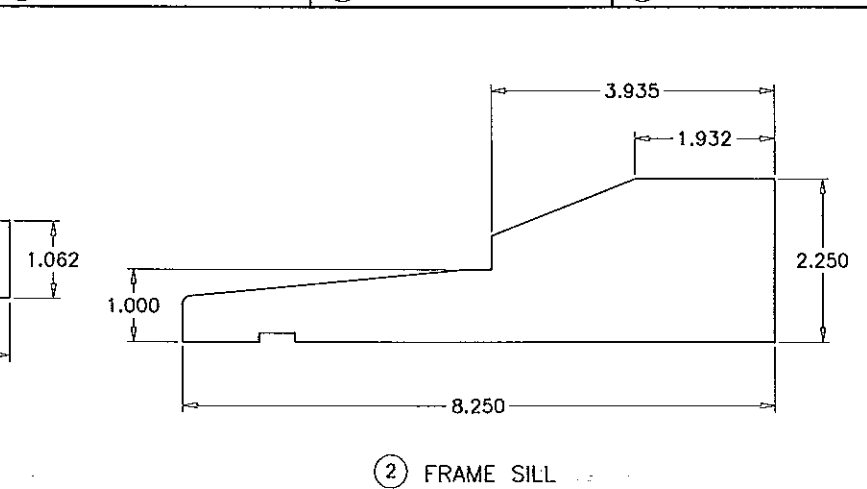
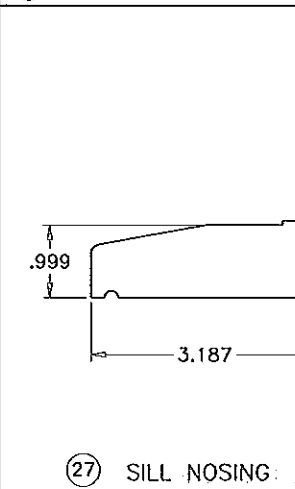
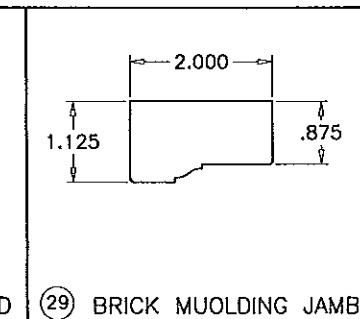
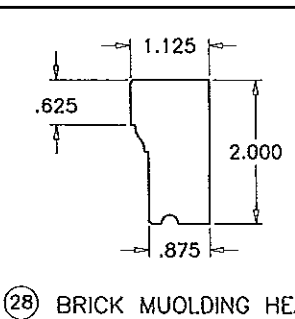
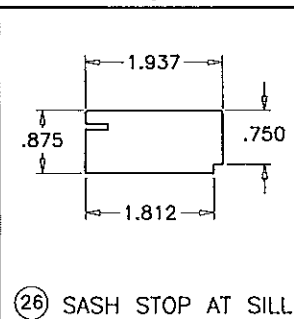
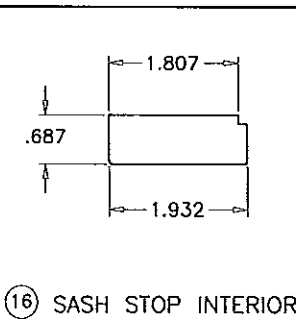
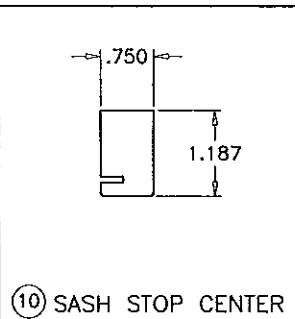
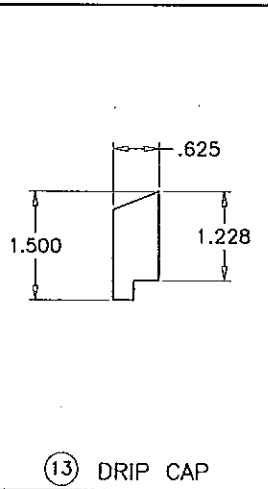
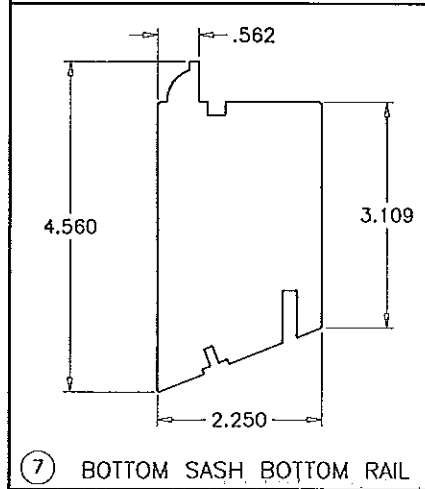
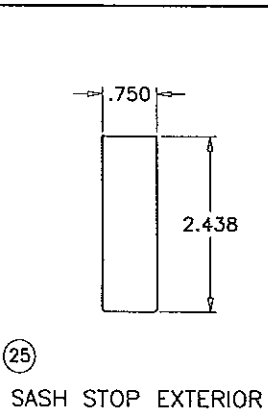
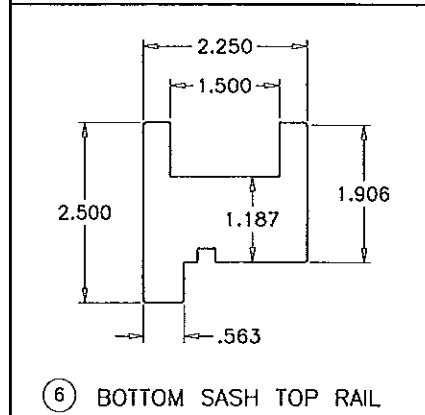
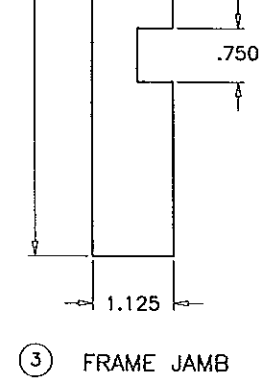
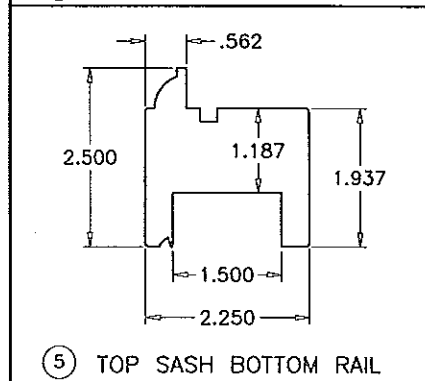
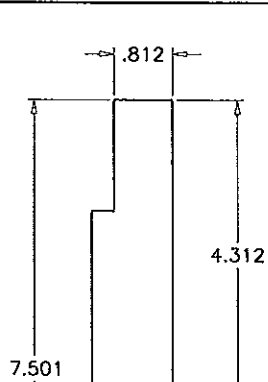
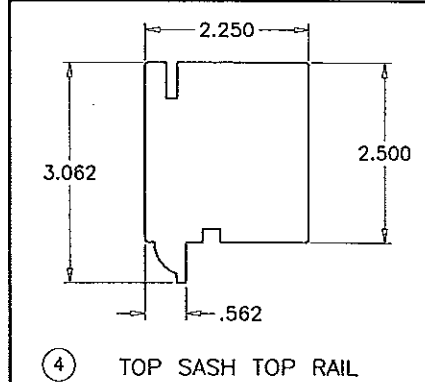
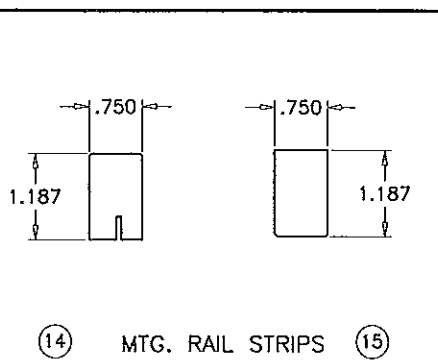
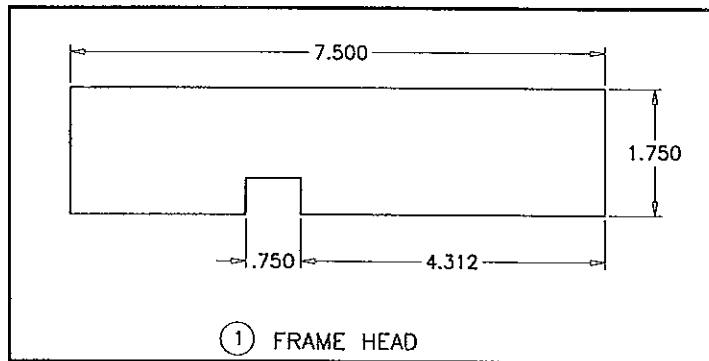
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ENGINEERS & PRODUCT DEVELOPMENT
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MIAMI, FLORIDA 33174
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date: 01-14-05
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W05-03
sheet 3 of 5



ITEM #	PART NO.	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	1	FRAME HEAD	WOOD	-
2	-	1	FRAME SILL	WOOD	-
3	-	2	FRAME JAMB	WOOD	-
4	-	1	TOP SASH TOP RAIL	WOOD	-
5	-	1	TOP SASH BOTTOM RAIL	WOOD	-
6	-	1	BOTTOM SASH TOP RAIL	WOOD	-
7	-	1	BOTTOM SASH BOTTOM RAIL	WOOD	-
8	-	2	SASH JAMB	WOOD	-
9	-	AS REQD.	GLAZING STOP	WOOD	-
10	-	AS REQD.	SASH STOP AT EXTERIOR	WOOD	-
11	-	AS REQD.	BULB GASKET 9/32" DIA.	FLEXIBLE VINYL	-
12	-	AS REQD.	# 8 X 2" WOOD SCREWS	-	@ 10" O.C.
13	-	1	DRIP CAP	WOOD	-
14	-	1	MTG. RAIL STRIP	WOOD	-
15	-	1	MTG. RAIL STRIP	WOOD	-
16	-	AS REQD.	SASH STOP INTERIOR	WOOD	@ 8" O.C.
17	NO. 6CHX	2	JAMB WEATHERSTRIPPING	BRONZE	ACCURATE
19	NO. 6CHX	1	FRAME HEAD WEATHERSTRIPPING	BRONZE	ACCURATE
20	NO. 3X	1	FRAME SILL WEATHERSTRIPPING	BRONZE	ACCURATE
21	NO. 46-59921	1	CHECK RAIL W'STRIPPING	EPDM	VARNAME
22	NO. AWD-102	2	SASH LOCK AT 15" FROM ENDS ON INT. MTG. RAIL	BRONZE	BRONZE CRAFT
23	NO. AWD-100-1	2	SASH LOCK KEEPER ALLIGNED WITH LOCKS ON EXT. MTG. RAIL	-	BRONZE CRAFT
24	NO. 26	2	SASH LIFT	-	BRONZE CRAFT
25	-	1	SASH STOP EXTERIOR	WOOD	-
26	-	1	SASH STOP SILL	WOOD	-
27	-	1	SILL NOSING	WOOD	-
28	-	AS REQD.	BRICK MOULDING (HEAD)	WOOD	-
29	-	AS REQD.	BRICK MOULDING JAMB (OPTIONAL)	WOOD	-
30	#9995-1	2	SASH LOCK AT 15" FROM ENDS ON INT. MTG. RAIL	BRONZE	MERIT

TYPICAL WOOD-HONDURES MAHOGANY LUMBER

Engr: JAVAD AHMAD
CIVIL
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By: *Manuel J. Lopez*
Miami Dade Product Control

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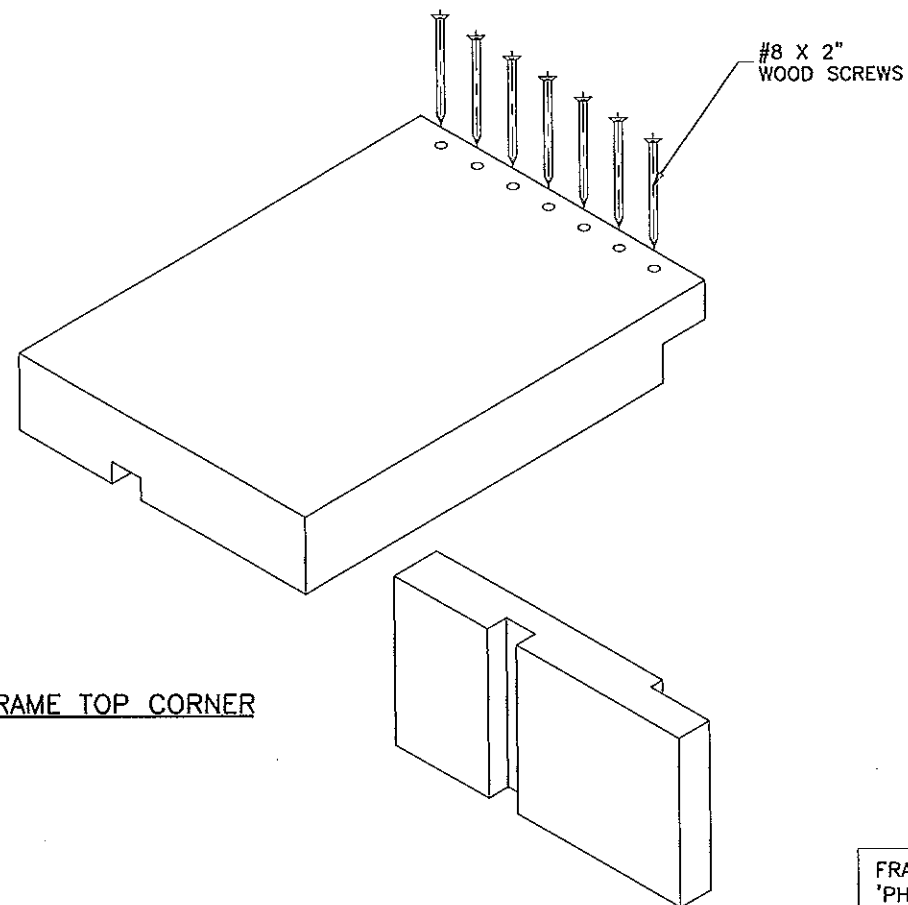
revisions:

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E	08.14.13		REV. PER BCCO COMMENTS

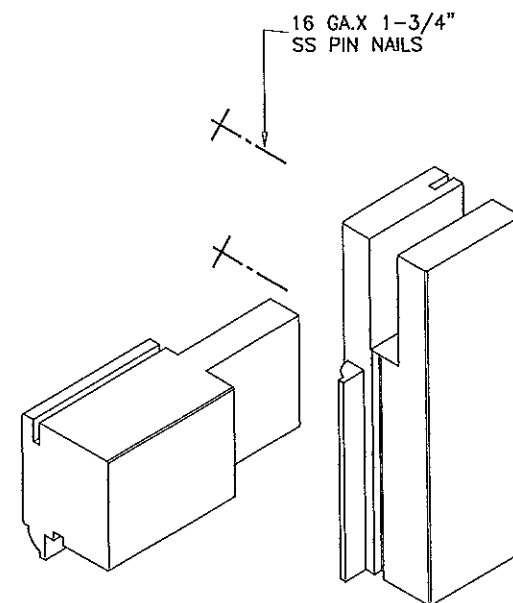
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sheet 4 of 5

FRAME TOP CORNER

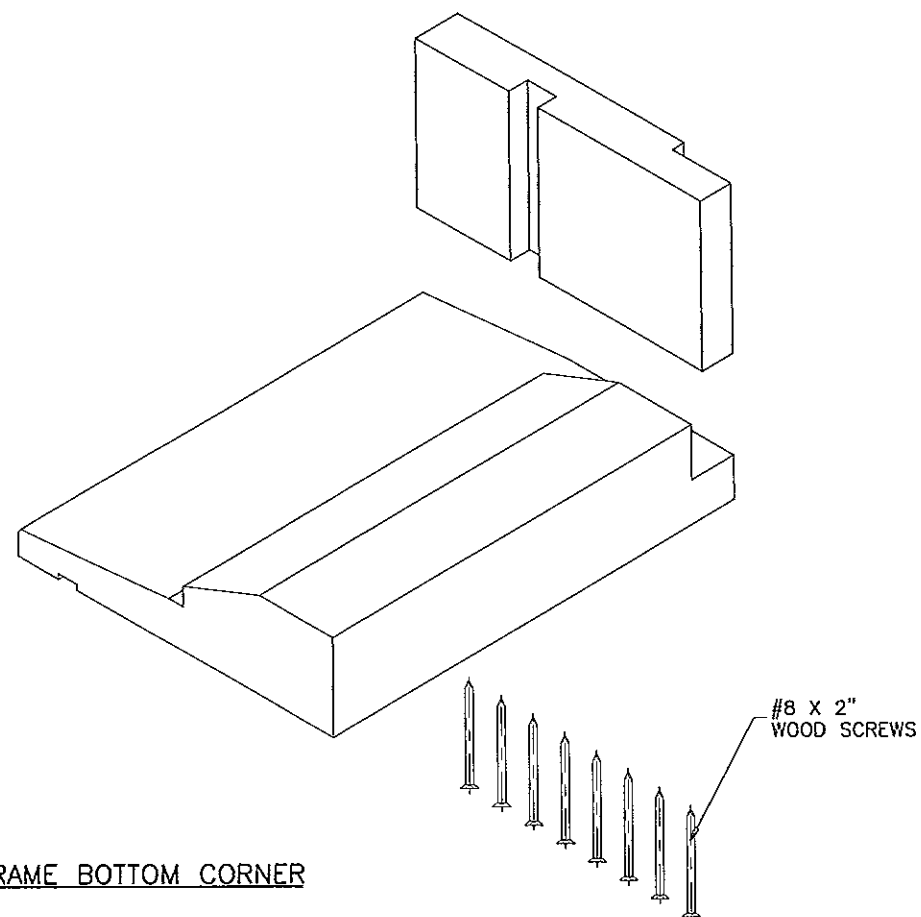


SASH TOP CORNER

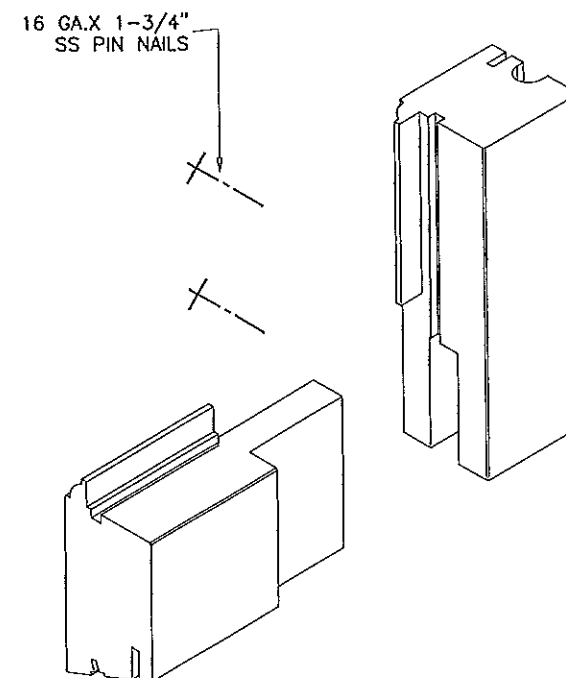


FRAME AND VENT CORNERS SEALED/GLUED WITH
'PHENYL RESORCINOL' WATER PROOF ADHESIVE

FRAME BOTTOM CORNER



SASH BOTTOM CORNER



Engr: JAVAD AHMAD
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	C	11.18.08		NO CHANGE THIS SHEET
	D	04.09.13		NO CHANGE THIS SHEET
	E	08.14.13		REV. PER RER COMMENTS

date: 01-14-05

scale: 3/8" = 1"

dr. by: HAMID

chk. by:

drawing no.

W05-03

sheet 5 of 5